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(54) **DIE for manufacturing an eccentric for connection of furniture parts and eccentric obtained with said DIE**

(57) A die for manufacturing eccentrics for connection of furniture parts, of the type having a substantially cylindrical shape and adapted to be inserted into a seat in a first furniture part, the eccentric (11) having a groove (15) in its side surface (14) for receiving the head of a tie rod connected to a second furniture part to be connected to the first one, the groove (15) having undercuts (19a, 21a) that in use engage the tie rod head to form a radial constraint between tie rod and eccentric so that an axial rotation of the eccentric within the seat into which it is inserted generates a pulling action on the tie rod. The die

comprises two shell halves (25, 26) adapted to open in an opening direction perpendicular to an axis of the eccentric to form at least one moulding impression of an eccentric, each of the two shell halves creating, for each eccentric, such a cavity in the side surface (14) thereof as to form part of said groove (15), the die for each moulding impression comprising only one side carriage (27) movable transversely of the die opening direction in an axial direction relative to the eccentric (11), suitable for forming said undercuts (19a, 21a) in the groove (15) and an axial hole (20) in the eccentric that in use is adapted to receive a tool for rotating the eccentric.

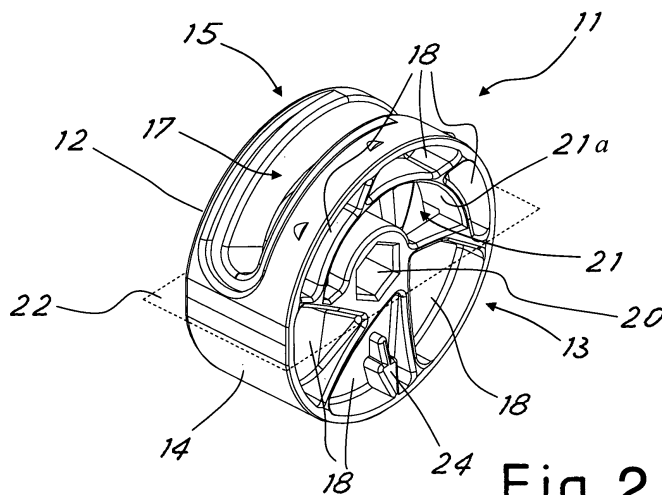


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
EP 07 01 3256

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			TECHNICAL FIELDS SEARCHED (IPC)
			B22D B29C
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 26 February 2009	Examiner Baumgartner, Robin
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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